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Title: JP8245302A2: ANTIMICROBIAL MATERIAL

Country: JP Japan

Kind: A

Inventor: SAEKI TATSUYA;

Assignee: SEKISUI PLASTICS CO LTD

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Published / Filed: Sept. 24, 1996 / March 16, 1995

Application Number: [JP1995000057558](#)

IPC Code: [A01N 25/18; A01N 25/08; A01N 25/10; A01N 47/46; A23L 3/3409; A61L 2/16;](#)

Priority Number: March 16, 1995 [JP1995000057558](#)

Abstract:

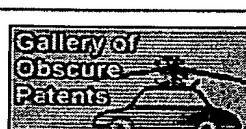
PURPOSE: To obtain an antimicrobial material useful for foods, medicines, etc., having excellent antimicrobial durability and shelf stability regardless of an environment using the antimicrobial material, comprising an inclusion compound prepared by including a volatile organic antimicrobial agent in cyclodextrin and amorphous calcium phosphate.

CONSTITUTION: This antimicrobial material comprises (A) an inclusion compound prepared by including a volatile organic antimicrobial agent such as allyl isothiocyanate or hinokitiol in cyclodextrin, (B) amorphous calcium phosphate having $\leq 0.1\mu\text{m}$ particle diameter and (C) chitosan, for example, obtained by deacetylating chitin in a concentrated alkali solution.

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Other Abstract Info: CHEMABS 125(25)326993F CAN125(25)326993F DERABS C96-482050 DERC96-



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